

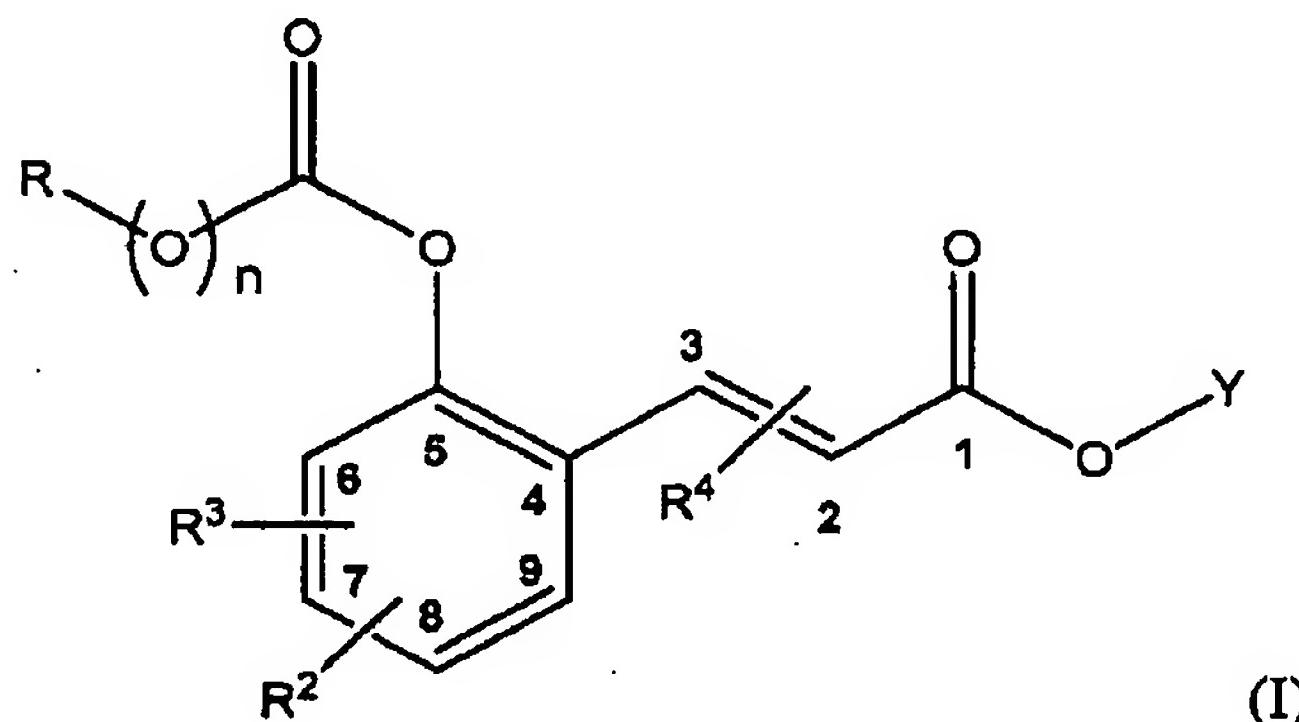
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In the Claims:

1.(Currently amended) A process for preparing compositions which provide upon activation an olfactory compound comprising:

A) incorporating into the composition a compound of formula (I) as precursor for olfactory compounds compound



wherein the acrylic acid ester double bound is of the E configuration;

n is zero or 1;

Y is  $-CR^5R^6R^7$ , wherein R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup> are independently hydrogen or a C<sub>1</sub>- C<sub>18</sub> hydrocarbon residue, and the sum of all carbon atoms (R<sup>5</sup>+ R<sup>6</sup>+R<sup>7</sup>) is not greater than 18; or

Y is  $-CR^5R^6R^7$ , wherein R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup> are independently hydrogen or a C<sub>1</sub>- C<sub>18</sub> hydrocarbon residue containing one or more atoms/groups selected from O, N and C(O), and the sum of all carbon atoms (R<sup>5</sup>+ R<sup>6</sup>+R<sup>7</sup>) is not greater than 18; or

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Y is  $-CR^8=CR^9R^{10}$ , wherein R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>18</sub> hydrocarbon residue, the geometry of the enol double bond is E or Z, and the sum of all carbon atoms (R<sup>8</sup> + R<sup>9</sup> + R<sup>10</sup>) is not greater than 18; or

Y is  $-CR^8=CR^9R^{10}$ , wherein R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>18</sub> hydrocarbon residue containing one or more atoms/groups selected from O, N and C(O), the geometry of the enol double bond is E or Z, and the sum of all carbon atoms (R<sup>8</sup> + R<sup>9</sup> + R<sup>10</sup>) is not greater than 18;

R<sup>2</sup> and R<sup>3</sup> are independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy residue, -NH<sub>2</sub>, -NO<sub>2</sub>, -NHCO<sub>2</sub>CH<sub>3</sub>, -N(C<sub>1</sub>-C<sub>6</sub> alkyl)<sub>2</sub>, -N(hydroxyalkyl)<sub>2</sub>, -NHC(O)-(C<sub>1</sub>-C<sub>8</sub> alkyl) or -NHC(O)-(C<sub>3</sub>-C<sub>8</sub> aryl); or

R<sup>2</sup> and R<sup>3</sup> are attached at the positions C(6,7), C(7,8), or C(8,9), and form together with the carbon atoms to which they are attached a dioxolane ring or a dioxane ring;

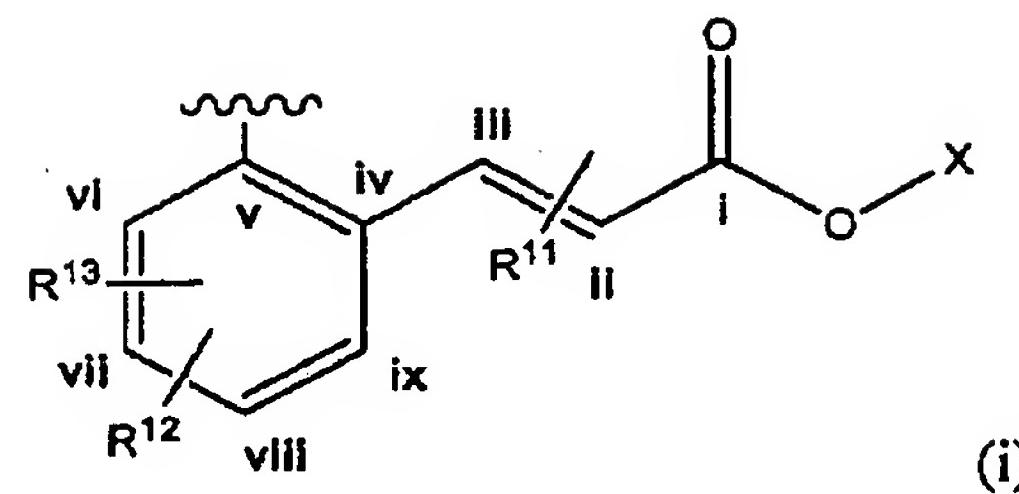
R<sup>4</sup> in 2- or 3-position is hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>2</sub>-C<sub>4</sub> alkenyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, or -CN; and

a) if n is zero, R is a C<sub>1</sub>-C<sub>24</sub> hydrocarbon residue, or C<sub>1</sub>-C<sub>24</sub> hydrocarbon residue containing one or more heteroatoms selected from N, O and Si; or

b) if n is 1, R is a C<sub>1</sub>-C<sub>25</sub> hydrocarbon residue, a C<sub>1</sub>-C<sub>25</sub> hydrocarbon residue containing one or more atoms/groups selected from N, O, Si, and C(O), or C<sub>1</sub>-C<sub>25</sub> hydrocarbon residue substituted by an ionic substituent of the formula N(R<sup>20</sup>)<sub>3</sub><sup>+</sup>, in which R<sup>20</sup> is the residue of an alkyl group with 1 to 18 carbon atoms; or

R is a monovalent residue of the formula (i)

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wherein

X is  $-\text{CR}^{14}\text{R}^{15}\text{R}^{16}$ , wherein  $\text{R}^{14}$ ,  $\text{R}^{15}$  and  $\text{R}^{16}$  are independently hydrogen or a  $\text{C}_1\text{-C}_{18}$  hydrocarbon residue, and the sum of all carbon atoms ( $\text{R}^{14} + \text{R}^{15} + \text{R}^{16}$ ) is not greater than 18; or

X is  $-\text{CR}^{14}\text{R}^{15}\text{R}^{16}$ , wherein  $\text{R}^{14}$ ,  $\text{R}^{15}$  and  $\text{R}^{16}$  are independently hydrogen or a  $\text{C}_1\text{-C}_{18}$  hydrocarbon residue containing one or more atoms/groups selected from O, N and C(O), and the sum of all carbon atoms ( $\text{R}^{14} + \text{R}^{15} + \text{R}^{16}$ ) is not greater than 18; or

X is  $-\text{CR}^{17}=\text{CR}^{18}\text{R}^{19}$ , wherein  $\text{R}^{17}$ ,  $\text{R}^{18}$  and  $\text{R}^{19}$  are independently hydrogen or a  $\text{C}_1\text{-C}_{18}$  hydrocarbon residue, the geometry of the enol double bond is E or Z, and the sum of all carbon atoms ( $\text{R}^{17} + \text{R}^{18} + \text{R}^{19}$ ) is not greater than 18; or

X is  $-\text{CR}^{17}=\text{CR}^{18}\text{R}^{19}$ , wherein  $\text{R}^{17}$ ,  $\text{R}^{18}$  and  $\text{R}^{19}$  are independently hydrogen or a  $\text{C}_1\text{-C}_{18}$  hydrocarbon residue containing one or more atoms/groups selected from O, N and C(O), the geometry of the enol double bond is E or Z, and the sum of all carbon atoms ( $\text{R}^{17} + \text{R}^{18} + \text{R}^{19}$ ) is not greater than 18;

$\text{R}^{12}$  and  $\text{R}^{13}$  are independently hydrogen,  $\text{C}_1\text{-C}_6$  alkyl,  $\text{C}_1\text{-C}_6$  alkoxy residue,

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-NO<sub>2</sub>, -NH<sub>2</sub>, -NHCO<sub>2</sub>CH<sub>3</sub>, -N(C<sub>1</sub>-C<sub>6</sub> alkyl)<sub>2</sub>, -N(hydroxyalkyl)<sub>2</sub>,  
-NHC(O)-(C<sub>1</sub>-C<sub>8</sub> alkyl) or -NHC(O)-(C<sub>3</sub>-C<sub>8</sub> aryl); or

R<sup>12</sup> and R<sup>13</sup> are attached at the positions C(vi,vii), C(vii,viii), or C(viii,ix),  
and form together with the carbon atoms to which they are attached a  
dioxolane ring or a dioxane ring;

R<sup>11</sup> in ii- or iii-position is hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>2</sub>-C<sub>4</sub> alkenyl, C<sub>3</sub>-C<sub>6</sub>  
cycloalkyl, or -CN; and

B) cleaving the compound of formula (I) by hydrolysis followed by  
photoisomerization.

2. (canceled)

3. (canceled)

4.(canceled)

5.(canceled)

6.(previously presented) A process according to claim 1 for preparing compositions  
which provide upon activation an olfactory compound comprising incorporating into  
the composition a compound of formula (I) wherein R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup>are independently  
hydrogen or a C<sub>1</sub>-C<sub>10</sub> hydrocarbon residue.

7.(previously presented) A process according to claim 1 wherein the sum of carbon  
atoms R<sup>5</sup> + R<sup>6</sup> + R<sup>7</sup> is between 6 and 15.

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8.(previously presented) A process according to claim 1 for preparing compositions which provide upon activation an olfactory compound comprising incorporating into the composition a compound of formula (I) wherein at least one residue R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup> is not hydrogen.

9.(previously presented) A process according to claim 1 for preparing compositions which provide upon activation an olfactory compound comprising incorporating into the composition a compound of formula (I) wherein R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>10</sub> hydrocarbon residue.

10.(previously presented) A process according to claim 1 wherein the sum of carbon atoms R<sup>8</sup> + R<sup>9</sup> + R<sup>10</sup> is between 6 and 15.

11.(previously presented) A process according to claim 1 for preparing compositions which provide upon activation an olfactory compound comprising incorporating into the composition a compound of formula (I) wherein at least one residue R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup> is not hydrogen.

12.(previously presented) A process according to claim 1 for preparing compositions which provide upon activation an olfactory compound comprising incorporating into the composition a compound of formula (I) wherein R<sup>14</sup>, R<sup>15</sup> and R<sup>16</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>10</sub> hydrocarbon residue.

13.(previously presented) A process according to claim 1 wherein the sum of carbon atoms R<sup>14</sup> + R<sup>15</sup> + R<sup>16</sup> is between 6 and 15.

14.(previously presented) A process according to claim 1 for preparing compositions which provide upon activation an olfactory compound comprising incorporating into the composition a compound of formula (I) wherein at least one residue R<sup>14</sup>, R<sup>15</sup> and R<sup>16</sup> is not hydrogen.

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15.(previously presented) A process according to claim 1 for preparing compositions which provide upon activation an olfactory compound comprising incorporating into the composition a compound of formula (I) wherein R<sup>17</sup>, R<sup>18</sup> and R<sup>19</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>10</sub> hydrocarbon residue.

16.(previously presented) A process according to claim 1 wherein the sum of carbon atoms R<sup>17</sup> + R<sup>18</sup> + R<sup>19</sup> is between 6 and 15.

17.(previously presented) A process according to claim 1 for preparing compositions which provide upon activation an olfactory compound comprising incorporating into the composition a compound of formula (I) wherein at least one residue R<sup>17</sup>, R<sup>18</sup> and R<sup>19</sup> is not hydrogen.

18.(previously presented) A process according to claim 1 for preparing compositions which provide upon activation an olfactory compound comprising incorporating into the composition a compound of formula (I) wherein n is 1.

19.(previously presented) A process according to claim 1 for preparing compositions which provide upon activation an olfactory compound comprising incorporating into the composition a compound of formula (I) wherein n is 1 and Y a residue selected from the group consisting of a fragrant alcohol HO-CR<sup>5</sup>R<sup>6</sup>R<sup>7</sup>, of the enol form of a fragrant aldehyde of the formula O=(CH)-CHR<sup>9</sup>R<sup>10</sup>, and of the enol form of a fragrant ketone of the formula O=(CR<sup>8</sup>)-CHR<sup>9</sup>R<sup>10</sup>.

20.(previously presented) A process according to claim 19 wherein the fragrant alcohol having a molecular weight between 46 and 400.

21.(previously presented) A process according to claim 1 for preparing compositions which provide upon activation an olfactory compound comprising incorporating into

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the composition a compound of formula (I) wherein n is 1 and Y a residue selected from the group consisting of a fragrant alcohol HO-CR<sup>5</sup>R<sup>6</sup>R<sup>7</sup>, of the enol form of a fragrant aldehyde of the formula O=(CH)-CHR<sup>9</sup>R<sup>10</sup>, and of the enol form of a fragrant ketone of the formula O=(CR<sup>8</sup>)-CHR<sup>9</sup>R<sup>10</sup>, and R is selected from the group consisting of methyl, ethyl, propyl, butyl, pentyl, 2-ethylhexyl, cyclopentyl, cyclohexyl, and the residue of a fragrant alcohol.

22.(previously presented) A process according to claim 21 wherein the fragrant alcohol having a molecular weight between 46 and 400.

23.(previously presented) A process according to claim 19 wherein the fragrant aldehyde having a molecular weight between 100 and 450.

24.(previously presented) A process according to claim 21 wherein the fragrant aldehyde having a molecular weight between 100 and 450.

25.(previously presented) A process according to claim 19 wherein the fragrant ketone having a molecular weight between 100 and 450.

26.(previously presented) A process according to claim 21 wherein the fragrant ketone having a molecular weight between 100 and 450.

27.(currently amended) A process according to claim 1 for preparing compositions which provide upon activation an olfactory compound comprising incorporating into the composition a compound of formula (I) wherein n is 1 and R is a monovalent aminevalent residue of formula (i).

28.(withdrawn) A consumer product comprising a compound of formula (I) as defined by claim 1.

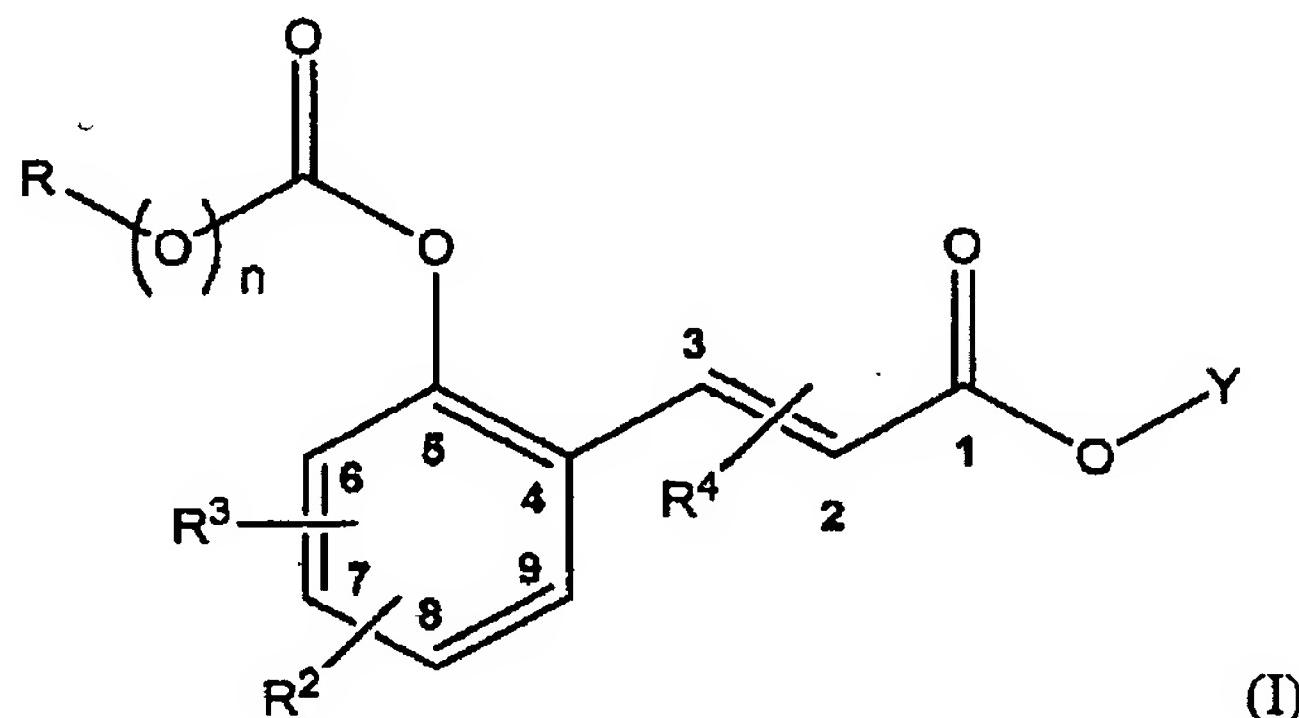
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29.(withdrawn) A consumer product according to claim 28 comprising a compound of formula (I) wherein n is 1 and Y a residue selected from the group consisting of a fragrant alcohol HO-CR<sup>5</sup>R<sup>6</sup>R<sup>7</sup>, of the enol form of a fragrant aldehyde of the formula O=(CH)-CHR<sup>9</sup>R<sup>10</sup>, and of the enol form of a fragrant ketone of the formula O=(CR<sup>8</sup>)-CHR<sup>9</sup>R<sup>10</sup>.

30.(withdrawn) A consumer product according to claim 28 wherein the consumer product is selected from fine fragrance, industrial care products, institutional care products, home care products, personal care products, industrial cleaning products, institutional cleaning products, home cleaning products, and fabric conditioner.

31.(withdrawn-currently amended) A process of providing an olfactory compound to a substrate comprising the steps:

- a) cleaving a compound of formula (I) by hydrolysis followed by photoisomerization



wherein the acrylic acid ester double bound is of the E configuration;

n is zero or 1;

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Y is  $-CR^5R^6R^7$ , wherein R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup> are independently hydrogen or a C<sub>1</sub>- C<sub>18</sub> hydrocarbon residue, and the sum of all carbon atoms (R<sup>5</sup> + R<sup>6</sup> + R<sup>7</sup>) is not greater than 18; or

Y is  $-CR^5R^6R^7$ , wherein R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup> are independently hydrogen or a C<sub>1</sub>- C<sub>18</sub> hydrocarbon residue containing one or more atoms/groups selected from O, N and C(O), and the sum of all carbon atoms (R<sup>5</sup> + R<sup>6</sup> + R<sup>7</sup>) is not greater than 18; or

Y is  $-CR^8=CR^9R^{10}$ , wherein R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup> are independently hydrogen or a C<sub>1</sub>- C<sub>18</sub> hydrocarbon residue, the geometry of the enol double bond is E or Z, and the sum of all carbon atoms (R<sup>8</sup> + R<sup>9</sup> + R<sup>10</sup>) is not greater than 18; or

Y is  $-CR^8=CR^9R^{10}$ , wherein R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup> are independently hydrogen or a C<sub>1</sub>- C<sub>18</sub> hydrocarbon residue containing one or more atoms/groups selected from O, N and C(O), the geometry of the enol double bond is E or Z, and the sum of all carbon atoms (R<sup>8</sup> + R<sup>9</sup> + R<sup>10</sup>) is not greater than 18;

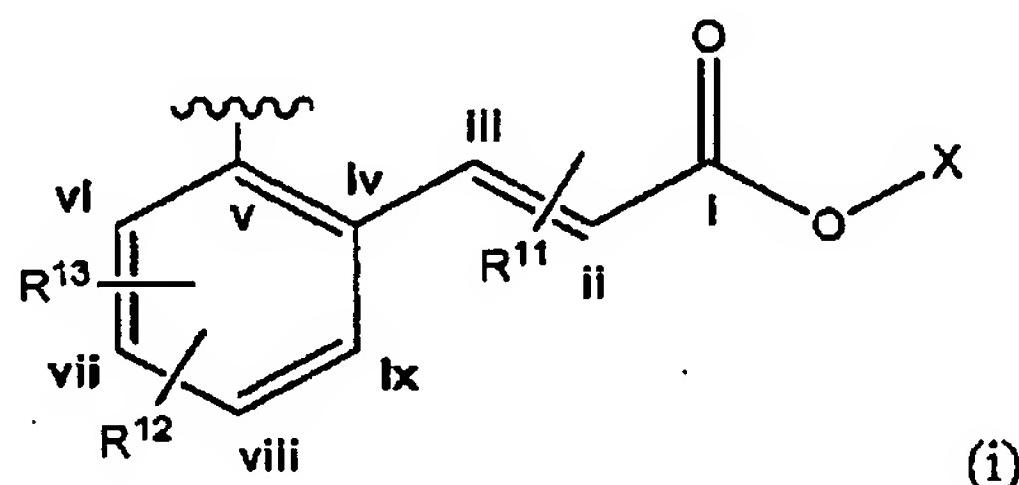
R<sup>2</sup> and R<sup>3</sup> are independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy residue, -NH<sub>2</sub>, -NO<sub>2</sub>, -NHCO<sub>2</sub>CH<sub>3</sub>, -N(C<sub>1</sub>-C<sub>6</sub> alkyl)<sub>2</sub>, -N(hydroxyalkyl)<sub>2</sub>, -NHC(O)-(C<sub>1</sub>-C<sub>8</sub> alkyl) or -NHC(O)-(C<sub>3</sub>-C<sub>8</sub> aryl); or

R<sup>2</sup> and R<sup>3</sup> are attached at the positions C(6,7), C(7,8), or C(8,9), and form together with the carbon atoms to which they are attached a dioxolane ring or a dioxane ring;

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$R^4$  in 2- or 3-position is hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>2</sub>-C<sub>4</sub> alkenyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, or -CN; and

- a) if n is zero, R is a C<sub>1</sub>-C<sub>24</sub> hydrocarbon residue, or C<sub>1</sub>-C<sub>24</sub> hydrocarbon residue containing one or more heteroatoms selected from N, O and Si; or
- b) if n is 1, R is a C<sub>1</sub>-C<sub>25</sub> hydrocarbon residue, a C<sub>1</sub>-C<sub>25</sub> hydrocarbon residue containing one or more atoms/groups selected from N, O, Si, and C(O), or C<sub>1</sub>-C<sub>25</sub> hydrocarbon residue substituted by an ionic substituent of the formula  $N(R^{20})_3^+$ , in which R<sup>20</sup> is the residue of an alkyl group with 1 to 18 carbon atoms; or R is a monovalent residue of the formula (i)



wherein

X is  $-CR^{14}R^{15}R^{16}$ , wherein R<sup>14</sup>, R<sup>15</sup> and R<sup>16</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>18</sub> hydrocarbon residue, and the sum of all carbon atoms ( $R^{14}+R^{15}+R^{16}$ ) is not greater than 18; or

X is  $-CR^{14}R^{15}R^{16}$ , wherein R<sup>14</sup>, R<sup>15</sup> and R<sup>16</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>18</sub> hydrocarbon residue containing one or more atoms/groups selected from O, N and C(O), and the sum of all carbon atoms ( $R^{14}+R^{15}+R^{16}$ ) is not greater than 18; or

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X is  $-CR^{17}=CR^{18}R^{19}$ , wherein R<sup>17</sup>, R<sup>18</sup> and R<sup>19</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>18</sub> hydrocarbon residue, the geometry of the enol double bond is E or Z, and the sum of all carbon atoms (R<sup>17</sup> + R<sup>18</sup> + R<sup>19</sup>) is not greater than 18; or

X is  $-CR^{17}=CR^{18}R^{19}$ , wherein R<sup>17</sup>, R<sup>18</sup> and R<sup>19</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>18</sub> hydrocarbon residue containing one or more atoms/groups selected from O, N and C(O), the geometry of the enol double bond is E or Z, and the sum of all carbon atoms (R<sup>17</sup> + R<sup>18</sup> + R<sup>19</sup>) is not greater than 18;

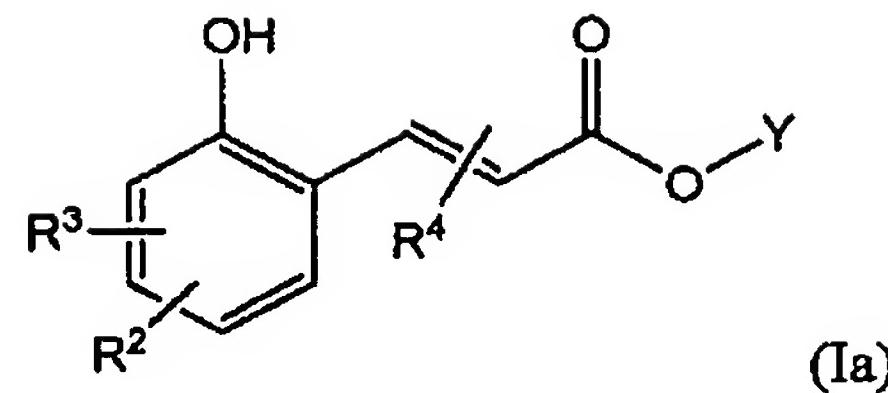
R<sup>12</sup> and R<sup>13</sup> are independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy residue, -NO<sub>2</sub>, -NH<sub>2</sub>, -NHCO<sub>2</sub>CH<sub>3</sub>, -N(C<sub>1</sub>-C<sub>6</sub> alkyl)<sub>2</sub>, -N(hydroxyalkyl)<sub>2</sub>, -NHC(O)-(C<sub>1</sub>-C<sub>8</sub> alkyl) or -NHC(O)-(C<sub>3</sub>-C<sub>8</sub> aryl); or

R<sup>12</sup> and R<sup>13</sup> are attached at the positions C(vi,vii), C(vii,viii), or C(viii,ix), and form together with the carbon atoms to which they are attached a dioxolane ring or a dioxane ring;

R<sup>11</sup> in ii- or iii-position is hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>2</sub>-C<sub>4</sub> alkenyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, or -CN;

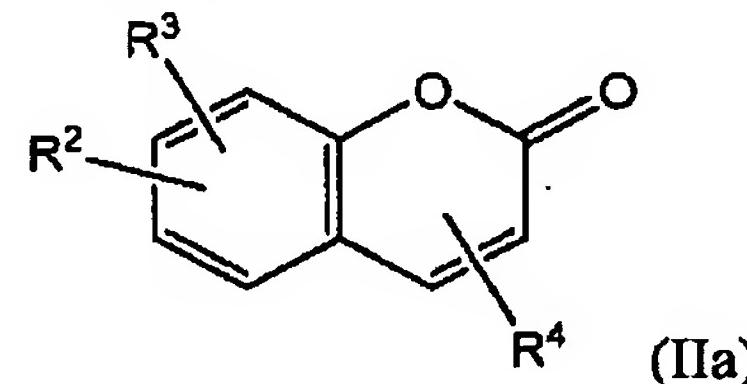
resulting in a compound of formula (Ia)

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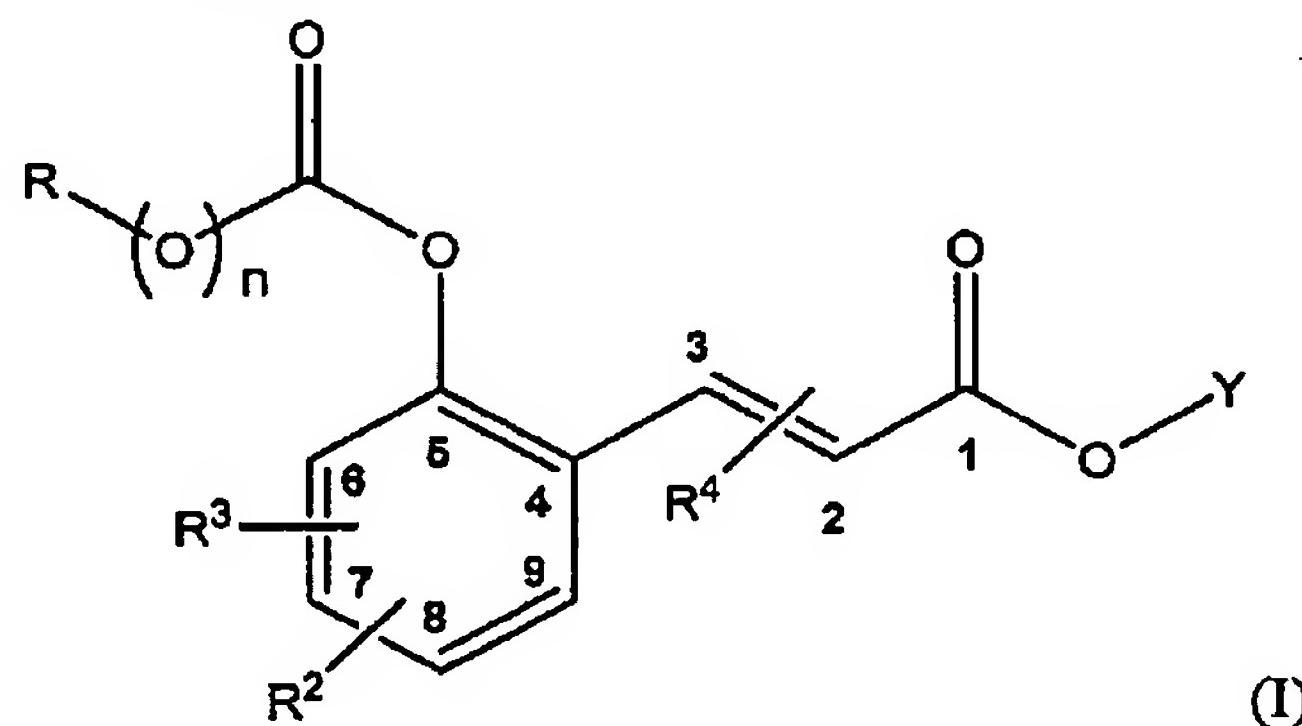
wherein R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and Y have the same meaning as given above;  
followed by

- b) cleaving the compound of formula (Ia) of step a under activating conditions in the presence of light resulting in a coumarin (IIa)



wherein R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> have the same meaning as given above.

32.(withdrawn) A compound of formula (I)



wherein the acrylic acid ester double bound is of the E configuration;

n is zero or 1;

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Y is  $-CR^5R^6R^7$ , wherein R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>18</sub> hydrocarbon residue, and the sum of all carbon atoms (R<sup>5</sup>+R<sup>6</sup>+R<sup>7</sup>) is not greater than 18 and at least 6; or

Y is  $-CR^5R^6R^7$ , wherein R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>18</sub> aliphatic residue containing one or more atoms/groups selected from O, N and C(O), the sum of all carbon atoms (R<sup>5</sup>+R<sup>6</sup>+R<sup>7</sup>) is not greater than 18; and at least one of the residues R<sup>5</sup>, R<sup>6</sup> and R<sup>7</sup> is not hydrogen; or

Y is  $-CR^8=CR^9R^{10}$ , wherein R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>18</sub> hydrocarbon residue, the geometry of the enol double bond is E or Z, and the sum of all carbon atoms (R<sup>8</sup>+R<sup>9</sup>+R<sup>10</sup>) is not greater than 18; or

Y is  $-CR^8=CR^9R^{10}$ , wherein R<sup>8</sup>, R<sup>9</sup> and R<sup>10</sup> are independently hydrogen or a C<sub>1</sub>-C<sub>18</sub> hydrocarbon residue containing one or more atoms/groups selected from O, N and C(O), the geometry of the enol double bond is E or Z, and the sum of all carbon atoms (R<sup>8</sup>+R<sup>9</sup>+R<sup>10</sup>) is not greater than 18;

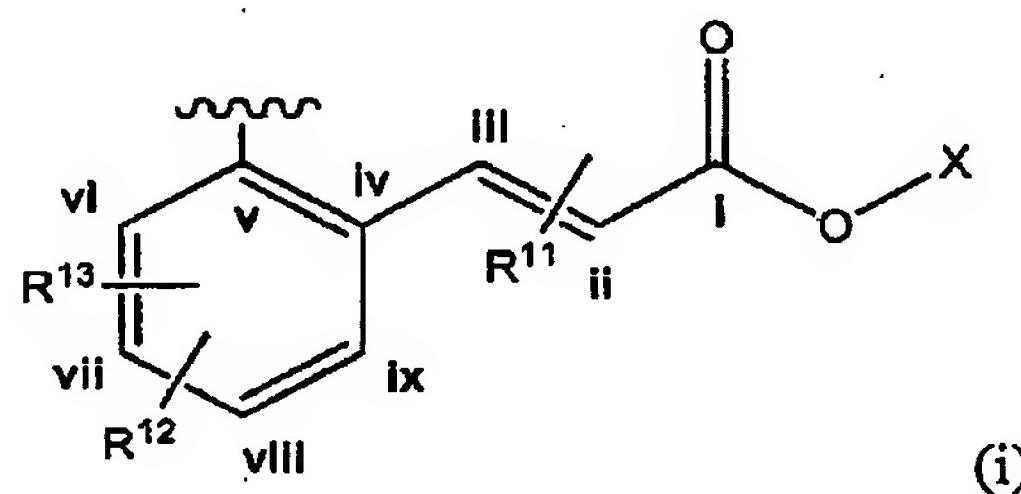
R<sup>2</sup> and R<sup>3</sup> are independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy residue, -NH<sub>2</sub>, -NO<sub>2</sub>, -NHCO<sub>2</sub>CH<sub>3</sub>, -N(C<sub>1</sub>-C<sub>6</sub> alkyl)<sub>2</sub>, -N(hydroxyalkyl)<sub>2</sub>, -NHC(O)-(C<sub>1</sub>-C<sub>8</sub> alkyl) or -NHC(O)-(C<sub>3</sub>-C<sub>8</sub> aryl); or

R<sup>2</sup> and R<sup>3</sup> are attached at the positions C(6,7), C(7,8), or C(8,9), and form together with the carbon atoms to which they are attached a dioxolane ring or a dioxane ring;

R<sup>4</sup> in 2- or 3-position is hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>2</sub>-C<sub>4</sub> alkenyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, or -CN; and

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- a) if n is zero, R is a C<sub>2</sub>-C<sub>24</sub> hydrocarbon residue, or C<sub>1</sub>-C<sub>24</sub> hydrocarbon residue containing one or more heteroatoms selected from N, O and Si; or
  - b) if n is 1, R is a C<sub>1</sub>- C<sub>25</sub> hydrocarbon residue, a C<sub>1</sub>- C<sub>25</sub> hydrocarbon residue containing one or more atoms/groups selected from N, O, Si, and C(O), or C<sub>1</sub>-C<sub>25</sub> hydrocarbon residue substituted by an ionic substituent of the formula N(R<sup>20</sup>)<sub>3</sub><sup>+</sup>, in which R<sup>20</sup> is the residue of an alkyl group with 1 to 18 carbon atoms; or
- R is a monovalent residue of the formula (i)



wherein

X is -CR<sup>14</sup>R<sup>15</sup>R<sup>16</sup>, wherein R<sup>14</sup>, R<sup>15</sup> and R<sup>16</sup> are independently hydrogen or a C<sub>1</sub>- C<sub>18</sub> hydrocarbon residue, and the sum of all carbon atoms (R<sup>14</sup>+ R<sup>15</sup> +R<sup>16</sup>) is not greater than 18; or

X is -CR<sup>14</sup>R<sup>15</sup>R<sup>16</sup>, wherein R<sup>14</sup>, R<sup>15</sup> and R<sup>16</sup> are independently hydrogen or a C<sub>1</sub>- C<sub>18</sub> hydrocarbon residue containing one or more atoms/groups selected from O, N and C(O), and the sum of all carbon atoms (R<sup>14</sup>+ R<sup>15</sup> +R<sup>16</sup>) is not greater than 18; or

X is -CR<sup>17</sup>=CR<sup>18</sup>R<sup>19</sup>, wherein R<sup>17</sup>, R<sup>18</sup> and R<sup>19</sup> are independently hydrogen or a C<sub>1</sub>- C<sub>18</sub> hydrocarbon residue, the geometry of the enol

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double bond is E or Z, and the sum of all carbon atoms ( $R^{17} + R^{18} + R^{19}$ ) is not greater than 18; or

X is  $-CR^{17}=CR^{18}R^{19}$ , wherein  $R^{17}$ ,  $R^{18}$  and  $R^{19}$  are independently hydrogen or a C<sub>1</sub>-C<sub>18</sub> hydrocarbon residue containing one or more atoms/groups selected from O, N and C(O), the geometry of the enol double bond is E or Z, and the sum of all carbon atoms ( $R^{17} + R^{18} + R^{19}$ ) is not greater than 18;

$R^{12}$  and  $R^{13}$  are independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy residue, -NO<sub>2</sub>, -NH<sub>2</sub>, -NHCO<sub>2</sub>CH<sub>3</sub>, -N(C<sub>1</sub>-C<sub>6</sub> alkyl)<sub>2</sub>, -N(hydroxyalkyl)<sub>2</sub>, -NHC(O)-(C<sub>1</sub>-C<sub>8</sub> alkyl) or -NHC(O)-(C<sub>3</sub>-C<sub>8</sub> aryl); or

$R^{12}$  and  $R^{13}$  are attached at the positions C(vi,vii), C(vii,viii), or C(viii,ix), and form together with the carbon atoms to which they are attached a dioxolane ring or a dioxane ring;

$R^{11}$  in ii- or iii-position is hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>2</sub>-C<sub>4</sub> alkenyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, or -CN.

33.(withdrawn) A compound according to claim 32 wherein n is 1 and R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> are hydrogen.

34.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>2</sup> and R<sup>3</sup> are hydrogen and R<sup>4</sup> is selected from methyl and -CN.

35.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>2</sup> and R<sup>3</sup> are hydrogen and R<sup>4</sup> is phenyl at C(3).

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36.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>2</sup> is hydrogen, R<sup>3</sup> is at either C(6) to C(8) and R<sup>3</sup> is selected from methyl, ethyl, propyl, isopropyl, methoxy, ethoxy and propyloxy, and R<sup>4</sup> is selected from hydrogen, methyl, -CN, and phenyl at C(3).

37.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>2</sup> and R<sup>3</sup> are methyl at position C(6,7), C(6,8), C(6,9), C(7,8), or C(8,9), and R<sup>4</sup> is selected from hydrogen, -CN, and phenyl at C(3).

38.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>2</sup> and R<sup>3</sup> are methoxy at C(7,9), and R<sup>4</sup> is selected from hydrogen, -CN, and phenyl at C(3).

39.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>4</sup> is selected from hydrogen, methyl, -CN, and phenyl at C(3), R<sup>2</sup> is methyl at C(6) and R<sup>3</sup> is isopropyl at C(9).

40.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>4</sup> is selected from hydrogen, methyl, -CN, and phenyl at C(3), R<sup>2</sup> is isopropyl at C(6) and R<sup>3</sup> is methyl at C(9).

41.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>4</sup> is selected from hydrogen and methyl, and R<sup>2</sup> and R<sup>3</sup> are hydrogen.

42.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>4</sup> is selected from hydrogen and methyl, R<sup>2</sup> is hydrogen, and R<sup>3</sup> is 7-methoxy.

43.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>4</sup> is selected from hydrogen and methyl, R<sup>2</sup> is hydrogen, and R<sup>3</sup> is 6-methyl.

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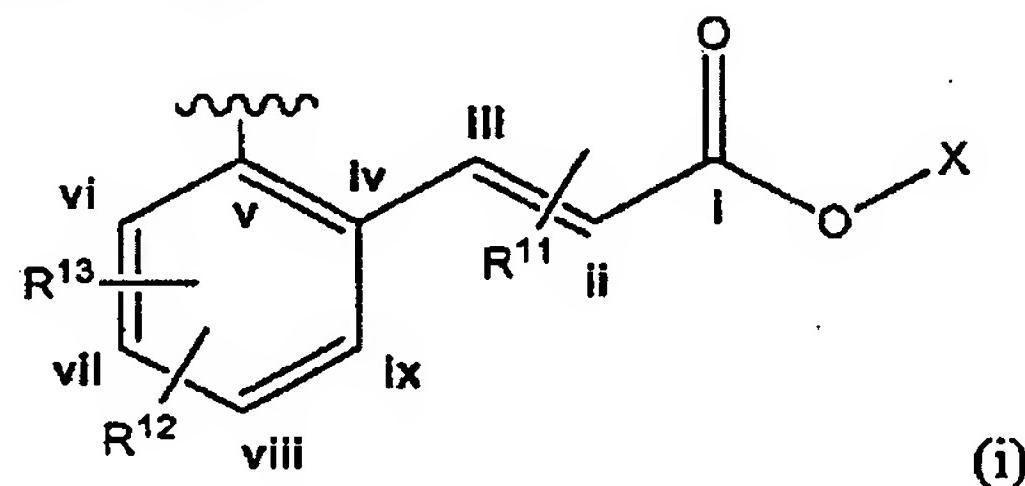
44.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>4</sup> is selected from hydrogen and methyl, R<sup>2</sup> is hydrogen, and R<sup>3</sup> is 7-methyl.

45.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>4</sup> is selected from hydrogen and methyl, R<sup>2</sup> is hydrogen, and R<sup>3</sup> is 8-methyl.

46.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>4</sup> is selected from hydrogen and methyl, R<sup>2</sup> is hydrogen, and R<sup>3</sup> is 6-tert-butyl.

47.(withdrawn) A compound according to claim 32 wherein n is 1, R<sup>4</sup> is selected from hydrogen and methyl, R<sup>2</sup> is 6-tert-butyl, and R<sup>3</sup> is 8-tert-butyl.

48.(withdrawn) A compound according to claim 32 wherein n is 1 and R is a monovalent residue of the formula (i)



wherein X, R<sup>11</sup>, R<sup>12</sup> and R<sup>13</sup> are defined according to claim 27.

49.(withdrawn) A compound according to claim 48 wherein R<sup>4</sup>=R<sup>11</sup>, R<sup>3</sup>=R<sup>13</sup> and R<sup>2</sup>=R<sup>12</sup>.

50.(withdrawn) A process according to claim 31 wherein the compound of formula (I) hydrolysis in the presence of enzymes.